Canon

imageRUNNER®
2 2 2 0 SERIES

DEPARTMENTAL
SYSTEMS

meap
POWERED BY

CHALLENGE THE CONVENTIONAL AND EMPOWER YOUR BUSINESS.

Canon introduces the imageRUNNER® 2220 Series... an innovative solution designed to meet all the communication needs of your business.

Today's business environment is in a constant state of change. To remain competitive, corporate workgroups require solutions that can rapidly adapt and address new market realities, while streamlining costs and improving efficiency. This is the time for Canon's latest innovation in digital multifunction business solutions—the new imageRUNNER 2220 Series.

Incorporating Canon's MEAP™ (Multifunctional Embedded Application Platform) architecture, the imageRUNNER 2220 Series offers a complete suite of functionality, and the unique ability to embed diverse and customizable applications that integrate into every aspect of your business workflow.

Designed to fit seamlessly into your existing environment, the imageRUNNER 2220 Series acts as a dynamic central hub for total office automation and management of your most valuable resources—critical business information, ideas, and knowledge.

AND THE NETWORKED OFFICE EMERGES...

With its innovative technology, outstanding reliability, and superior image quality, the imageRUNNER 2220 Series represents a new generation of integrated business systems.

Full-color Control Panel

Canon's MEAP-enabled imageRUNNER 2220 Series includes the imageRUNNER 2220N and imageRUNNER 2220i models. Both are highly advanced digital imaging systems designed to give your business greater control over costs and improved productivity.

This dynamic duo delivers output at speeds of up to 22 pages per minute, with support for advanced digital Copying and Mail Box features, network Printing and Scanning functions, Super G3 Fax capabilities, and the ability to send electronic information across a diverse

and ever-changing digital landscape. No matter which model you choose, you'll benefit from Canon's industry-renowned image quality for the most faithful reproduction of text and images.

Best of all, users and administrators are provided with the necessary tools for quick and intuitive operation of all features, whether it be at the device, through a large full-color, touch-screen user-interface panel, or at a desktop through Canon-supplied device drivers and utilities.

Function	imageRUNNER 2220N	imageRUNNER 2220i
Copy	Standard	
Mail Box	Standard	
Print	Standard	
Super G3 Fax	Optional	
Scan	Standard	
Send	Optional (eCopy Suite)	Standard (Universal Send*)

Both models ship standard with Ethernet network connectivity.
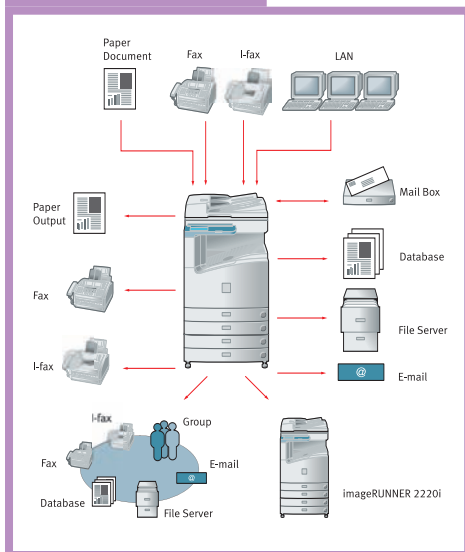*Includes a 10-user version of eCopy Desktop™ software.

COMMUNICATE ACROSS THE ROOM OR ACROSS THE GLOBE.

Using the power of corporate networks and the Internet, the imageRUNNER 2220 Series transforms your one-lane paper trail into a multilane information superhighway.

Universal Send™ Makes Seamless Workgroup Collaboration a Reality.

Targeted to workgroups and smaller departments, Universal Send technology (a standard feature of the imageRUNNER 2220i) allows users to scan documents directly into the device for distribution to multiple destinations. These may include group or individual E-mail and Internet fax (I-fax) addresses, network or host folders, and document management applications such as Canon's imageWARE.™ You can even send documents as Super G3 Fax transmissions (optional). This all-in-one operation eliminates the expense and administrative burden associated with using conventional methods of printing, filing, and forwarding hard-copy documents.
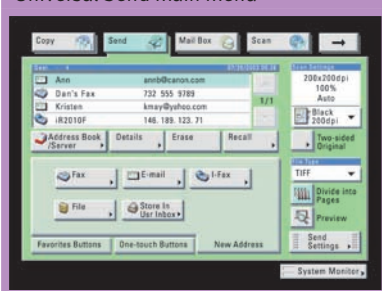
Enterprise-wide Integration Made Easy with eCopy

Convert your imageRUNNER 2220 Series device into a sophisticated yet simple-to-use document distribution powerhouse. With the eCopy Suite of products, your organization can transform paper documents into information that's easily integrated into all your business applications. eCopy connects with your company's E-mail and other networked enterprise applications for secure, economic, and instantaneous distribution and management of information.
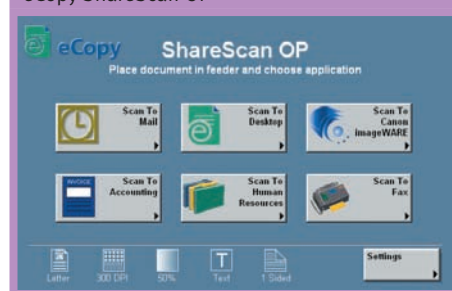
Scanning is a Snap with Canon's Network ScanGear

Canon Network ScanGear is a user-friendly, TWAIN-compliant scanning utility that can be used with any 32-bit TWAIN-compliant software application to pull scanned images from the imageRUNNER 2220 Series over a network to a destination PC or a file server. Scanned images can then be manipulated at the user's workstation and incorporated into other documents as needed.

Universal Send

Universal Send Main Menu

eCopy ShareScan OP*

*Check with your local Canon-authorized Dealer for availability.

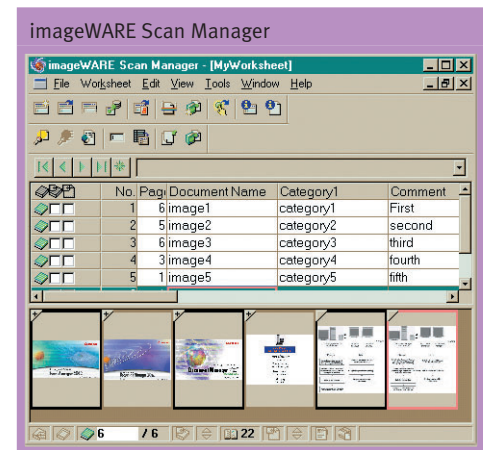## MANAGE YOUR CRITICAL ASSETS—INFORMATION, IDEAS, AND KNOWLEDGE.

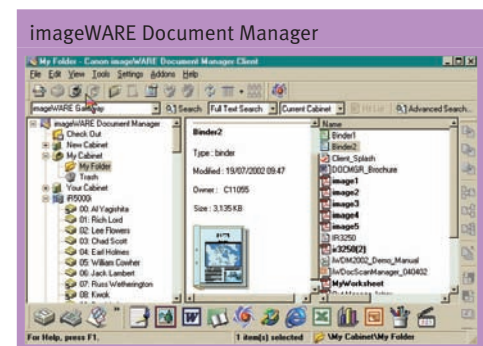Digitize your documents and permanently alter your to-do list.

imageWARE™ Integration

Integrate the powerful scanning capabilities of the imageRUNNER 2220 Series with Canon's imageWARE Office Software Suite for a complete information capturing, management, and distribution system.

With the automatic scanning and indexing capabilities of imageWARE Scan Manager, your business can capture high volumes of documents quickly. Imagine reducing manual labor costs related to scanning by more than 20% and document indexing time by more than 50%! Advanced image capture and data recognition improves the accuracy and usefulness of digitized, computer-based information.

Canon's imageWARE Document Manager is the central database repository of the imageWARE Suite. It has a client-server architecture that can be easily scaled to meet growing business needs, and is designed to reduce or replace traditional hard-copy document storage methods in the general office environment. It also supports high-volume document-handling applications for retrieval, archival, and records management.

imageWARE Scan Manager

imageWARE Document Manager

Key Vertical Market Applications

Transportation/Warehousing
- Scan and store inventory reports, shipping manifests, and passenger lists into a secure database.

Sales Department
- Scan and edit product information with the most up-to-date specifications.

Facilities Management
- Scan and distribute floor plans and drawings to staff members via E-mail or to a shared network folder.

FEATURES SO ADVANCED, THEY'LL ADVANCE YOUR PRODUCTIVITY.

In addition to its many unique features, the imageRUNNER 2220 Series provides considerable flexibility, from simple copying to advanced, production-level features.
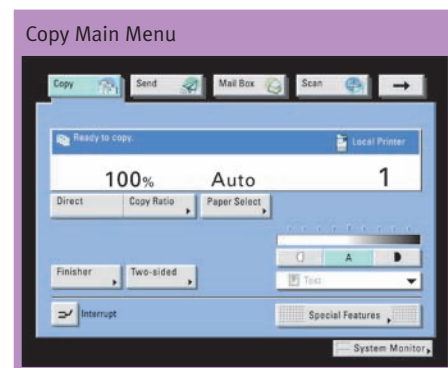
Scan-Once-Print-Many: Leverages inherent digital features by making copies from images scanned and stored in memory, resulting in greater productivity and reduced scanner wear and tear.

Copy Reservation:™ No more waiting in line at the copier. You can scan up to five copy jobs—complete with their settings—into memory while a current copy or print job is being processed. Users can be notified via E-mail when their copy job is complete and ready for pick-up.

Job Build: Easily combine documents scanned through the document feeder with those placed directly on the platen glass. Also allows users to process jobs that exceed the capacity of the document feeder.
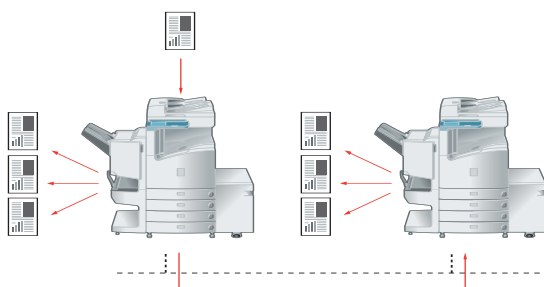
Page Numbering and Forms Composition: Superimposes page numbers and previously scanned images on copies of documents.

Cascade and Remote Copy: Enhances productivity via the connection of multiple imageRUNNER 2220 Series devices on a network.
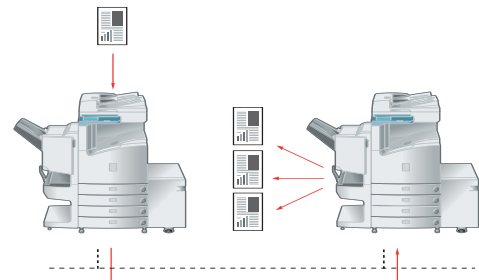

Copy Main Menu

Cascade and Remote Copy

Cascade Copy

Remote Copy

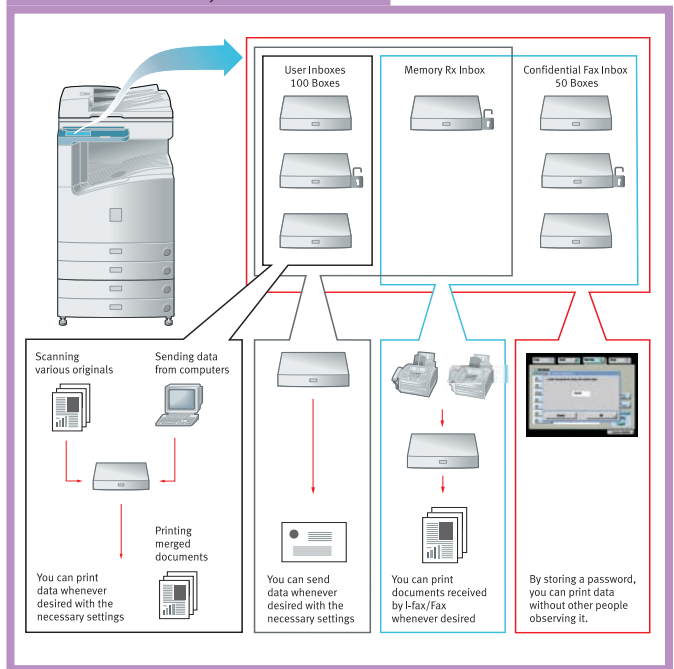Copy jobs can be split between two imageRUNNER 2220 units on a network.

Scanned originals can be printed on a remote imageRUNNER 2220 device on a network.

ALL THE TOOLS TO SIMPLIFY YOUR JOB, SO DOING YOUR BEST IS SIMPLER, TOO.

The imageRUNNER 2220 Series supports Mail Box functions that may serve as your centralized system for information-sharing, on-site document storage, and print-on-demand applications.
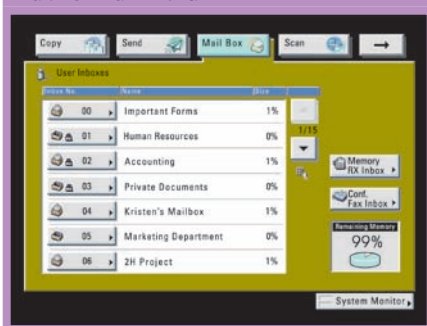

Mail Box Functionality

User Inboxes 100 Boxes — Memory Rx Inbox — Confidential Fax Inbox 50 Boxes

Scanning various originals / Sending data from computers

Printing merged documents

You can print data whenever desired with the necessary settings

You can send data whenever desired with the necessary settings

You can print documents received by I-fax/Fax whenever desired

By storing a password, you can print data without other people observing it.
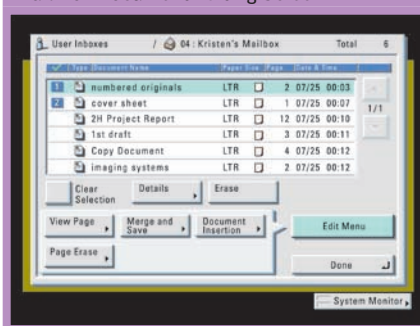

The Mail Box function can be used to store hard-copy-based originals such as receipts and frequently used forms, as well as print data such as presentations, proposals, and spreadsheets. Once stored in the Mail Box, take advantage of the ability to combine and print documents as one job with the desired settings, or send the job to other destinations.

Up to 100 Mail Boxes can be created for individual users, departments, or specific tasks, and then password protected for security. For visual confirmation that the selected file looks just as you want it, you can preview the document either at the device or at your desktop using a Web browser.
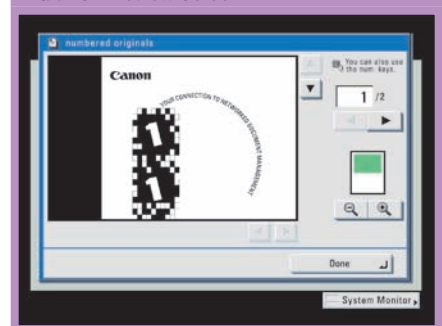

Mail Box Main Menu

Mail Box Document Editing Screen

Mail Box Preview Screen

Key Vertical Market Applications

Human Resources Department
- Store frequently used forms, such as employment applications and medical forms, for printing at the time—and in the quantity—needed.

Project Teams
- Combine scanned images with spreadsheets and files created in different applications for professional-looking reports.

Administrative Personnel
- Send data to the device for secured printing at a more convenient time.

NETWORK CONNECTIVITY SHOULD NEVER BE AN AFTERTHOUGHT.

Each model in the imageRUNNER 2220 Series ships standard as a fully network-connected device, providing your workgroup with the ability to leverage its functionality over multiple users and multiple tasks.

When It Comes To Network Printing, Nobody Does It Better Than Canon

The imageRUNNER 2220 Series delivers printing capabilities that are ideally suited to handle the demand of your work-group's printing requirements with support for PostScript® 3™ emulation and PCL 5e/6 page description languages.

Intuitively designed print drivers allow you to start the document creation process right from your personal computer with the ability to access page layouts, document finishing, and image quality settings. Canon has also equipped this system with extensive advanced features, including the following:

• **Store –** Send print jobs to personal Mail Boxes for integration with other print or scanned data, creating new compound documents.
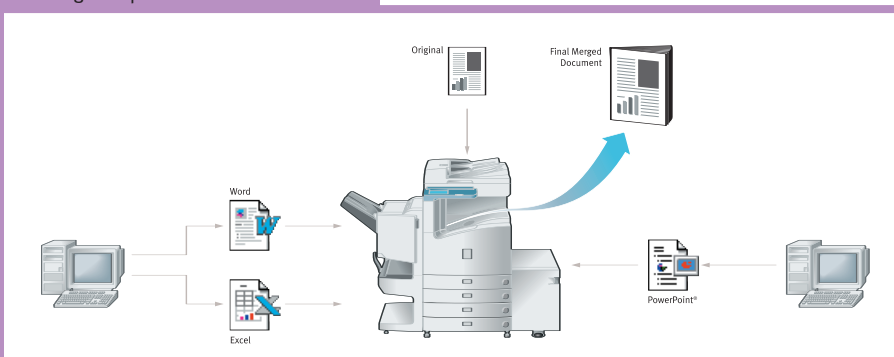
• **Secured Print –** Allows for printing to begin at the device only upon entry of a confidential PIN.

• **Edit and Preview (Page Composer) –** Combine and print documents that were created in different applications as a single document, preview and manipulate the merged file through a thumbnail view, and change settings on-the-fly.
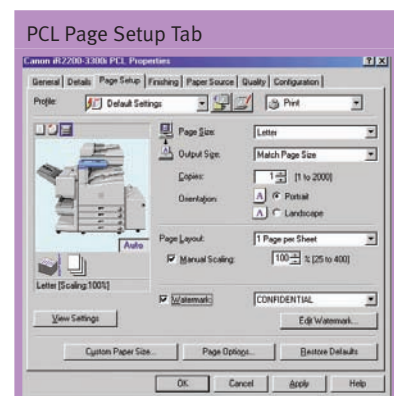
Create Professional-looking Output

Together with the imageRUNNER product line, Canon's imageWARE Publishing Manager and imageWARE Document Composer provide a complete solution for document creation and optimal output. The result is simplified production of professional-looking documents requiring various inserts and content types, such as manuals, brochures, catalogs, proposals, reports, books, and presentations.

Building Compound Documents

Original   Final Merged Document

Word

PowerPoint®

Excel

Merge scanned images with documents from various applications to create one document.

PCL Page Setup Tab

CONNECTIVITY SOFTWARE TO MAKE LIFE UNCOMPLICATED.

Make use of the comprehensive device management utilities and security features offered by the imageRUNNER 2220 Series to control and manage resources from any location.

User Authentication

Enable Department ID Mode to limit access to the imageRUNNER 2220 Series to those users assigned valid IDs and passwords. You can set volume ceilings and restrict or enable access to copy, scan, and print functions for up to 300 departments or users. An optional Control Card/Card Reader system manages usage through intelligent cards that must be inserted in the system before granting access to functions. What's more, Simple Device Login (SDL) and Single Sign-on (SSO) allow users to enter personal IDs and passwords to gain system access, with SSO linking directly to the Microsoft® Active Directory for user authentication.
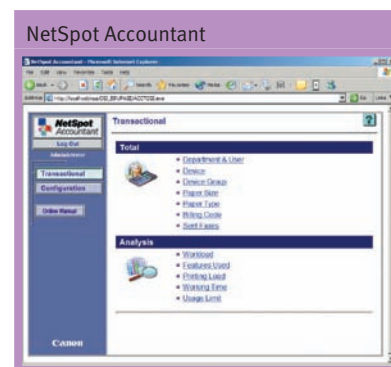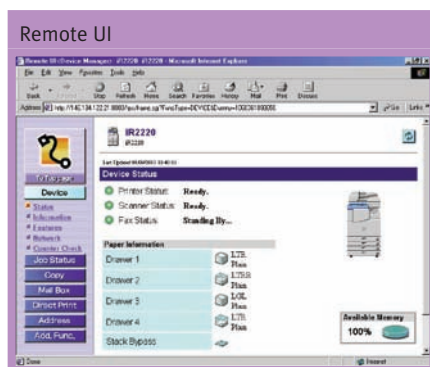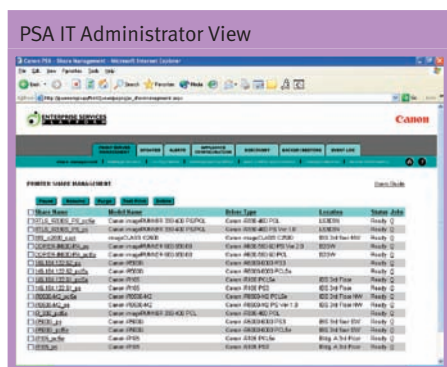
imageRUNNER Security Kit

Your information is a vital asset and one that should be protected at all times. That's why Canon offers the imageRUNNER Security Kit, a software package that initiates the overwriting of hard disks and completely erases previously stored data. This allows you to safeguard critical information in order to protect the interests of your work environment.

Canon Print Server Appliance*

The Canon Print Server Appliance (PSA) is designed to help administrators manage enterprise network printing. When the PSA is first connected to a network, it will automatically discover all print devices, create print shares for those devices, and publish them on an intranet page generated by the appliance. From this intranet page, end-users can download the driver—with a single click—and start printing, resulting in increased efficiency and ease-of-use.

Simplified Device Management

To truly support customer requirements, networked devices must be easy to install, seamlessly integrate into existing network environments, and permit management from anywhere. Canon's comprehensive solution to this is embodied within Canon's Remote UI™ utility and NetSpot® Suite. Remote UI provides end-users with real-time system access and information at their fingertips using a standard Web browser. NetSpot Suite is a group of utilities designed to ease the administrative burdens associated with installing, monitoring, and managing Canon and third-party print devices on corporate enterprise networks.

PSA IT Administrator View

Remote UI

NetSpot Accountant

*Check with your local Canon-authorized Dealer for availability.

ENDLESS POSSIBILITIES TO INCREASE EFFICIENCY.

Utilize a unique, customizable platform designed solely for your specific business applications.

Tailor Your System to Work The Way You Want

Canon is set to transform the way you work. For the first time ever, your business needs come before anything else. Through consultation, a personalized platform can be developed to fulfill your precise applications, providing unparalleled workflow benefits that are both affordable and highly effective.
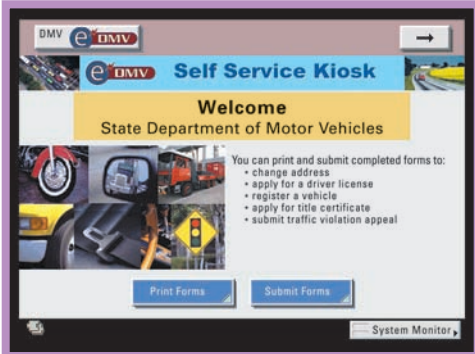
Java-based Open Platform Offering Unlimited Uses

Canon's MEAP (Multifunctional Embedded Application Platform) architecture is based on familiar Java standards and presents highly flexible possibilities. With Canon's MEAP technology running inside imageRUNNER 2220 Series devices, additional applications can be easily installed and integrated, making it possible to control and manage any aspect of document workflow. The result is ultimate and total integration of your business needs.

To learn more about Canon's customizable development platform, contact your local Canon-authorized Dealer or visit Canon's website at **www.usa.canon.com**.
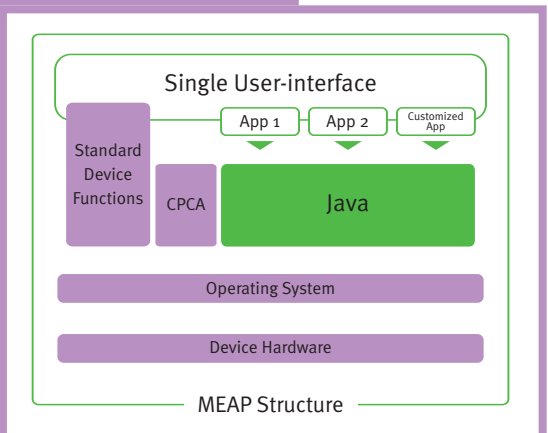
Self Service Kiosk*

Report Printing System*

MEAP Structure

*Screens shown as seen on an imageRUNNER 2220 LCD panel display. Sample applications for illustrative purposes only; actual applications may vary.

TRAVEL BEYOND YOUR GREATEST EXPECTATIONS.

The imageRUNNER 2220 Series offers all the tools you need to dramatically improve workflow and maximize performance.

Automate Your Business

Don't settle for a device that simply delivers the basics. Let the imageRUNNER 2220 Series maximize the efficiency of your corporate workgroup. Its standard, 50-sheet capacity Duplexing Automatic Document Feeder makes quick work of scanning multipage and different-size originals. A standard paper capacity of 1,050 sheets can be expanded to support up to 4,550 sheets. With support for numerous paper sizes and weights, transparencies, and envelope feeding, the imageRUNNER 2220 Series can meet the volume requirements of any workgroup.
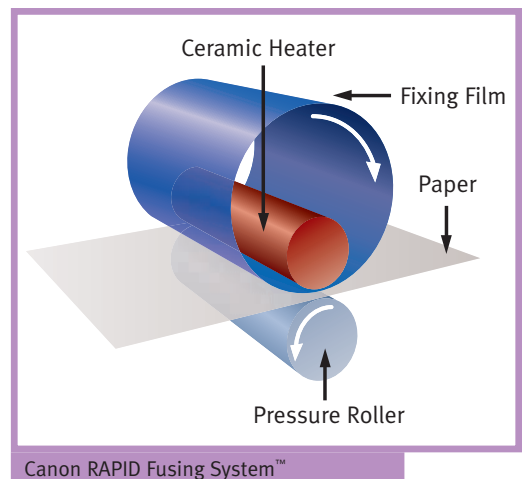
A choice of two finishers gives you the ability to deliver professional-looking documents that will certainly make you stand out above the rest. Choose the internally mounted Finisher-J1 for basic stapling and collating features. For more advanced document finishing, the optional Saddle Finisher-G1 offers multiposition stapling, saddle-stitched booklet-making, and support for two- and three-hole-punched output.
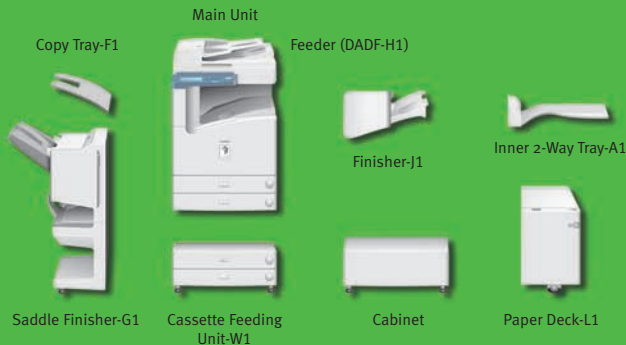
Commitment to the Environment

In an extension of Canon's initiatives as a concerned global citizen, the imageRUNNER 2220 Series is designed and manufactured with a number of environmentally friendly features, including a space-saving design and Canon's patented RAPID Fusing System™ for quick, on-demand operation and reduced energy consumption costs. Efficient use of energy, resource conservation, and clean manufacturing technologies are an integral part of Canon's philosophy.

Image of a Leader

As the industry's leading producer of network-connected multifunction devices, Canon continues to set new standards for quality, performance, and reliability. That's why you can trust Canon to provide you with solutions to make your department more productive, and your business more competitive.

Ceramic Heater
Fixing Film
Paper
Pressure Roller

Canon RAPID Fusing System™

Copy Tray-F1

Main Unit

Feeder (DADF-H1)

Inner 2-Way Tray-A1

Finisher-J1

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Saddle Finisher-G1

Cassette Feeding Unit-W1

Cabinet

Paper Deck-L1

imageRUNNER 2220 Series Specifications

Type:	Digital, Multifunction Imaging System
Imaging System:	Laser Dry Electrostatic Transfer
Developing System:	Dry Monocomponent Toner Projection
Fixing System:	RAPID Fusing System™
Image Server Memory:	Standard 256MB RAM/10GB HDD (Max. Capacity: Approx. 3,700 Originals)
First-copy Time:	5.8 Seconds from Platen Glass 6.6 Seconds from Feeder
Warm-up Time:	10 Seconds or Less from Sleep Mode 40 Seconds from Main Power Off
Copy/Print Speed:	22 ppm (Letter)
Max. Mail Boxes Supported:	100
Max. Copy Reservation:	5 Jobs
Actual Resolution:	600 dpi x 600 dpi
Interpolated Resolution:	1200 dpi x 600 dpi (Copy) 2400 dpi x 600 dpi (Print)
Halftone:	256 Gradations of Gray
Duplexing:	Standard Automatic Trayless Duplexing
Magnification Reduction/ Enlargement:	25% to 800% — Platen (in 1% increments) 25% to 400% — Feeder
Paper Supply	
Standard:	Dual 500-sheet Paper Cassettes (1,000 Sheets) Stack Bypass (50 Sheets)
Optional:	Dual 500-sheet Paper Cassettes (1,000 Sheets) Paper Deck (2,500 Sheets)
Exposure Control:	Automatic or Manual
Multiple Copies:	1 to 999
Max. Original Size:	11" x 17" (Ledger)
Paper Weights:	17 lb. to 20 lb. Bond (Cassette) 17 lb. to 32 lb. Bond (Stack Bypass)
Power Source:	120V AC, 60Hz, 10A
Drum:	OPC—Estimated Yield: 55,000 Impressions
Max. Duty Cycle:	75,000 Impressions Per Month
Toner:	Estimated Yield: 15,000 Images (at 6% Coverage)
Communication Interface	
Topology:	Ethernet
Speed:	10/100 Mbps Ethernet
Protocols Supported:	TCP/IP, IPX/SPX,™ EtherTalk,® SMB
Networked Interface	
Connections:	10/100Base-T (RJ-45)
Universal Send Functions (2220i only)	
Sending Methods:	E-mail, I-fax, Super G3 Fax (Optional), File Server (IPX, FTP, SMB)
Address Book Capacity:	Max. 1,800 Destinations Max. 5 LDAP Servers
File Format:	Single-page TIFF, Single-page PDF, Multipage TIFF, Multipage PDF
Sending Sizes:	Statement to Ledger
Dimensions (H x W x D):	35-7/8" x 22-1/14" x 29" (910.5mm x 565mm x 762mm)
Weight:	214 lb. (97.4kg)

Accessories

Duplexing Automatic Document Feeder-H1 (Standard)

Acceptable Originals:	Statement-R to Ledger
Capacity:	50 Sheets (20 lb. Bond/Letter)
Max. Paper Weight:	10 lb. to 32 lb. Bond (Letter, One-sided) 13 lb. to 32 lb. Bond (Letter, Two-sided)

Cassette Feeding Unit-W1 (Optional)

Paper Capacity:	2 x 500-sheet Paper Cassettes
Paper Size	
Top Cassette:	Statement-R to Legal
Bottom Cassette:	Statement-R to Ledger
Paper Weights:	17 lb. to 20 lb. Bond

Envelope Feeder Attachment-B1 (Optional)

Envelope Size:	COM10, DL, Monarch, ISO-B5, ISO-C5, Yougata-4
Feeder Capacity:	Approx. 50 Envelopes or 1-1/4" (31.75mm)

Paper Deck-L1 (Optional)

Paper Capacity:	2,500 Sheets (20 lb. Bond)
Paper Size:	Letter
Paper Weights:	17 lb. to 20 lb. Bond

Finisher-J1 (Optional)

Number of Trays:	One Tray
Tray Capacity:	300 Sheets (Letter)
Staple Position/Capacity:	Top Corner (30 Sheets)

Saddle Finisher-G1 (Optional)

Number of Trays:	Four trays, including Saddle-stitch Tray and Inner 2-Way Tray
Tray Capacity	
Top Tray:	1,000 Sheets (Letter)
Inner 2-Way Tray:	100 Sheets (Letter) 250 Sheets (Letter)
Saddle-stitch Tray:	100 Sheets
Staple Position:	Multiposition Stapling (1) Any Corner, (2) Side Margin, (3) Saddle-stitch
Stapling Capacity:	50 Sheets (Letter) 10 Sheets Saddle-stitched (Letter, Ledger)

Saddle-stitch Specifications

Total Sides Imaged:	40 (10 Sheets)
Total Sets:	2 to 5 Sheets/20 Saddle-stitched Sets 6 to 10 Sheets/10 Saddle-stitched Sets
Folding:	V-folding Standard
Attachable Accessories:	Puncher Unit-K1

Puncher Unit-K1 (Option for Saddle Finisher-G1)

Punch Method:	Sequential Processing System
Punch Types:	2-hole/3-hole (Auto Change)
Paper Sizes:	2-hole (Letter-R, Legal) 3-hole (Letter, Ledger)
Punch Dust Stock:	Approx. 3,000 Sheets

Super G3 Fax Board-J1 (Optional)

Applicable Line:	Public Switched Telephone Network (PSTN)
Connection Lines:	One (J1)
Transmission Time:*	ECM-MMR Approx. 3 Seconds per Page (33,600 bps)
Compression System:	MMR, MR, MH, JBIG
Sending Sizes:	Statement to Ledger

Network Multi-PDL Printer Kit-C1 (Standard)

Type:	Embedded Print/Network
Processor:	Canon Custom Processor 250 MHz—Shared
RAM:	256MB (Std./Max.)—Shared
Hard Disk:	10GB—Shared
PDL Support:	PCL 5e, PCL 6, PostScript 3 Emulation
Internal Fonts:	136 PostScript Fonts, 117 Adobe® Type Fonts, 19 TrueType® Fonts, 80 PCL Roman Fonts, 32 PCL Bar-code Fonts
Interface Connections:	RJ-45 (10/100Base-T) IEEE 1284 (Compatibility: Nibble, Byte, and ECP mode) Token Ring (Optional Card)
Protocol Stacks:	IPX/SPX: 802.2, 802.3, Ethernet II, 802.2 SNAP TCP/IP: Ethernet II AppleTalk:® Phase II
Network OS:	Novell® NetWare® v. 3.2, 4.1, 4.11, 4.2, 5, 6 (IPX/SPX), Windows® 95/98 (TCP/IP), Windows NT® 4.0 (TCP/IP), Windows 2000 (TCP/IP), Windows XP, Solaris™ 1.x, 2.5, or later (TCP/IP), Apple® System 7.5 or higher (DDP)

*Approximate 3-second-per-page fax transmission time based on ITU-T No. 1 Chart (MMR, Standard Mode) at 33.6 Kbps modem speed when transmitting to another V.34 machine. The Public Switched Telephone Network (PSTN) currently supports 28.8 Kbps modem speeds or lower, depending on telephone line conditions.

Canon

imageANYWARE

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